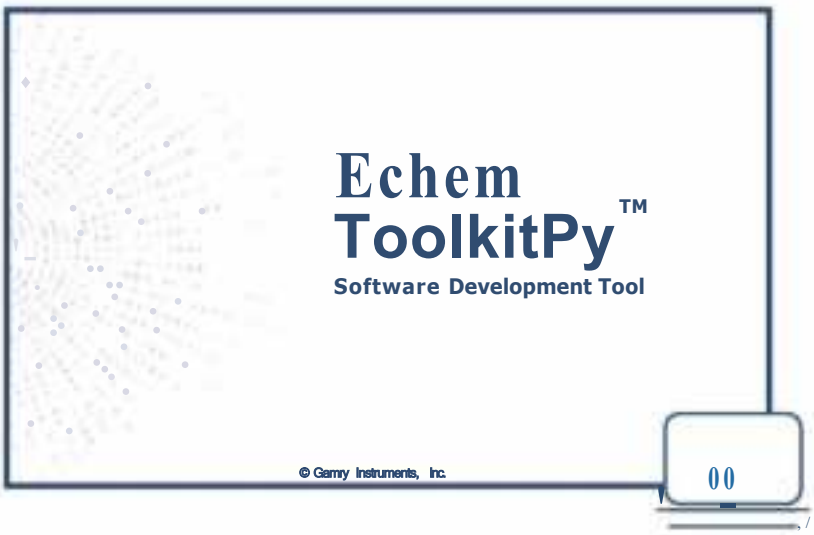
GAMRY INSTRUMENTS

Echem ToolkitPy™ Installation

QUICK-START GUIDE



Gamry Software Suite Installation

1

For the installation process, you will require Gamry's software Version **7.10.4** or higher. If you have not installed Version 7.10.4 yet, but own one of our instruments, download the latest installation file on Gamry's **Client Portal.**

Gamry's Software Suite Installer provides all necessary files for the installation of the ToolkitPy software development tool. It includes ToolkitPy, a Python Installer for a curated version of **Python 3.7.9 (32-bit),** and various site-package libraries such as NumPy 1.21.6 or Pyside2 5.15.2. Python Package Index (PyPI) should not be required.

During the installation, you can add various software features. Programs such as Echem Analyst 2 or Framework are already pre-selected by default. **ToolkitPy** may not be automatically selected. Click on the checkbox next to ToolkitPy to add it to the installation process. Press **Next** to continue and follow the subsequent steps.

After selecting the ToolkitPy feature and the installation has been completed, the following file directories will be installed:

Description	Directory
Python components	C:\ProgramData\Gamry Instruments-Python
Sample scripts	C:\ProgramData\Gamry Instruments-Python\Scripts
Source code forVFP2	C:\ProgramData\Gamry Instruments-VFP2

You are now ready to install the ToolkitPy software package.

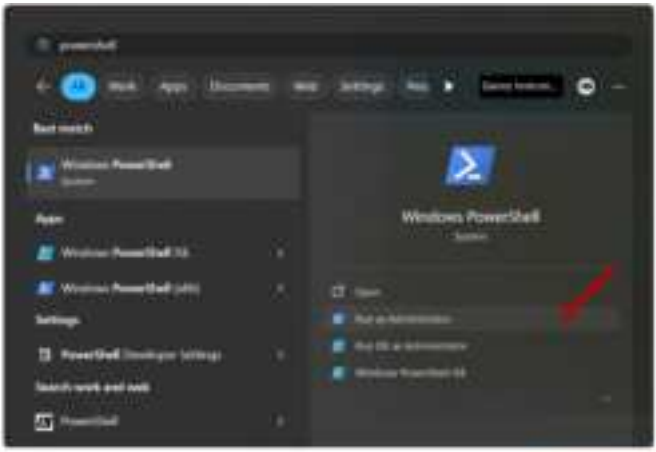
ToolkitPy Installation

2

Make sure that you have **administrator rights** on your host computer. If you are unsure of your privileges on the device, please contact your IT Department.

Before starting the installation, you must verify that the computer has the proper **`ExecutionPolicy`** to ensure that **PowerShell** can execute the installation script.

Launch Windows® PowerShell by right clicking the program and selecting **Run as administrator.** Select **Yes** to allow changes when prompted.



In PowerShell, get the `ExecutionPolicy` list to see what is currently allowed. First execute:

```
Get-ExecutionPolicy -List
```

Then, execute:

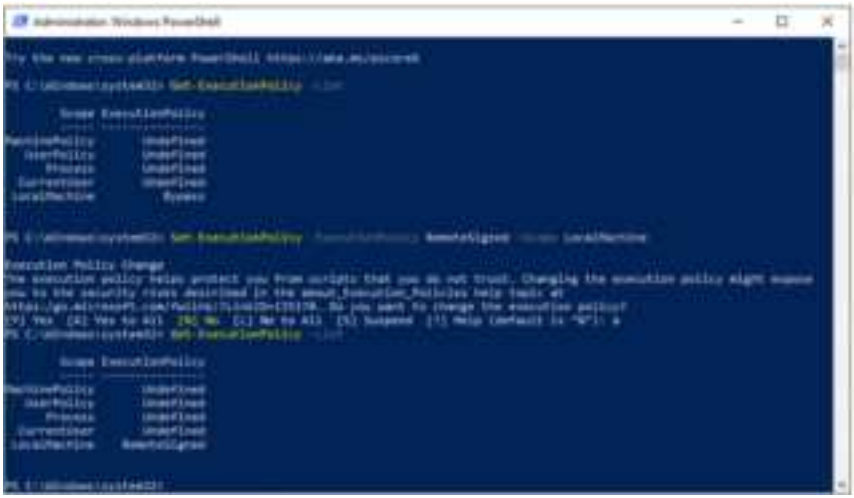
```
Set-ExecutionPolicy -ExecutionPolicy RemoteSigned -
Scope LocalMachine
```

This will allow PowerShell to run the script. The policy change will ask you to apply the change to a portion, all, or none of the current policies. Use a for Yes to All.

Finally, execute:

```
Get-ExecutionPolicy -List
```

The last step is repeated to verify the changes. Close PowerShell once the change is confirmed. See the figure below for the fully executed sequence.



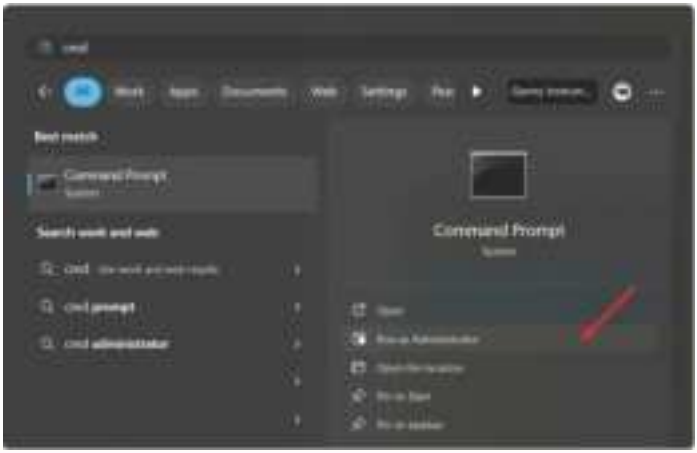
Python 3.7.9 Installation

3

If you have an existing installation for **Python 3.7 (32-bit),** you **must uninstall** it using the control panel **Apps > Installed Apps** utility.

Proper installation of Python 3.7.9 will not occur if an existing copy is stored anywhere on your computer, including other users' folders.

Open a Command Prompt by searching in the Windows Start menu for cmd and selecting **Run as administrator.** Select **Yes** to allow changes.



The Command Prompt window header will be labeled **Administrator Command Prompt** if it has been opened properly.

In the Command Prompt, change the directory by typing:

```
cd C:\ProgramData\Gamry Instruments\Python\Python37-32
```

Press **Enter** to confirm and then type:

```
powershell .\install_32bit.psl
```

Enter y to proceed with the installation.

First, **Python 3.7.9** will be installed at C:\Program Files (x86)\Gamry Instruments\Python\Python37-32. Afterwards all required site-packages will be installed. If the installation was successful, you will see a message that the installation was completed.

Continue and test the installation. Change the directory by typing:

```
cd C:\program files (x86)\gamry instruments\python\python37-32
```

In this directory, type:

```
Python
```

Press **Enter.** The first line under the command should list Python 3.7.9, as shown in the image below.

Close the Command Prompt.

You are now ready to use the **Echem ToolkitPy** software package.

You can find the **ToolkitPy Help Manual** by searching **ToolkitPy Help** in your Windows Start Menu.

The extensive Help contains all the information you need to start developing scripts with ToolkitPy, including sample scripts.

Contact your local Gamry representative or Gamry's technical support if you experience any problems.

Phone: +1 215 -682-9330
Web: https://www.gamry.com/support-2/
Contact Support

Notes:

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